

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040201096"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:03
S2	2289	@ad<="20040330" and (257/678).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:13
S3	2099	@ad<="20040330" and (257/697-698).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:04
S4	1585	@ad<="20040330" and (257/700).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:04
S5	1913	@ad<="20040330" and (257/784).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:38
S6	1756	@ad<="20040330" and (257/786).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:07
S7	10	@ad<="20040330" and 'flexible' same 'wiring circuit' and 'solder ball' and 'printed circuit board'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:16
S8	1	"6580031".PN.	USPAT; USOCR	OR	ON	2005/10/20 09:10
S9	1	"6580031".PN.	USPAT; USOCR	OR	ON	2005/10/20 09:11
S10	6144	@ad<="20040330" and (361/749-750).ccls. or (361/760).ccls. or (361/792).ccls. or (361/795).ccls. or (257/686).ccls. or (257/685).ccls. or (257/688).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:16
S11	21	@ad<="20040330" and 'flexible' same 'wiring substrate' and 'solder ball' and 'printed circuit board'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:20

## EAST Search History

S12	864	S10 and 'flexible' with 'substrate'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:17
S13	235	@ad<="20040330" and 'wiring substrate' and 'solder ball' and 'printed circuit board'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:38
S14	1	"6285081".PN.	USPAT; USOCR	OR	ON	2005/10/20 09:30
S15	1	"6181569".PN.	USPAT; USOCR	OR	ON	2005/10/20 09:30
S16	1	"6114187".PN.	USPAT; USOCR	OR	ON	2005/10/20 09:31
S17	1	"6005292".PN.	USPAT; USOCR	OR	ON	2005/10/20 09:31
S18	1	"5900738".PN.	USPAT; USOCR	OR	ON	2005/10/20 09:33
S19	1	"5414371".PN.	USPAT; USOCR	OR	ON	2005/10/20 09:33
S20	1	"5086337".PN.	USPAT; USOCR	OR	ON	2005/10/20 09:33
S21	3938	@ad<="20040330" and (257/773-774).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 09:38
S22	931	@ad<="20040330" and ('wiring board' or 'wiring tape') and 'solder ball' and ('printed circuit board' or 'PCB')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 10:15
S23	6	@ad<="20040330" and ('wiring board' or 'wiring tape') and 'solder ball' and ('printed circuit board' or 'PCB') and 'metal stud'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 10:15
S24	10	@ad<="20040330" and ('wiring board' or 'wiring tape') and 'solder ball' and ('printed circuit board' or 'PCB') and 'metal' with 'stud'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 10:16
S25	8	@ad<="20040330" and ('wiring board' or 'wiring tape') and 'solder ball' and ('printed circuit board' or 'PCB') and 'metal' with 'plug'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 10:16

## EAST Search History

S26	180	@ad<="20040330" and ('wiring board' or 'wiring tape') and 'solder ball' and ('printed circuit board' or 'PCB') and 'metal' with 'bump'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:15
S27	2	("6329610").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 10:56
S28	9	(("5811982") or ("5914614") or ("6329827") or ("6722032")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:08
S29	1	"5177438".PN.	USPAT; USOCR	OR	ON	2005/10/20 10:58
S30	1	"5576630".PN.	USPAT; USOCR	OR	ON	2005/10/20 10:58
S31	4	(("6288905") or ("6376769")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:08
S32	951	@ad<="20040330" and 'flexible' with 'substrate' and 'copper' and 'solder ball' and ('printed circuit board' or 'PCB')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:16
S33	353	@ad<="20040330" and 'flexible' with 'substrate' and 'copper' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:16
S34	51	@ad<="20040330" and 'wiring substrate' and 'copper' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:25
S35	233	@ad<="20040330" and 'wiring board' and 'copper' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:17
S36	4	@ad<="20040330" and 'wiring tape' and 'copper' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:17

## EAST Search History

S37	0	@ad<="20040330" and 'flexible' same 'substrate' and 'copper' with 'pillar' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:25
S38	0	@ad<="20040330" and 'flexible' same 'substrate' and 'copper' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:25
S39	0	@ad<="20040330" and 'flexible' same 'substrate' and 'copper' with 'pillar' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:26
S40	425	@ad<="20040330" and 'flexible' same 'substrate' and 'copper' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:28
S41	6	@ad<="20040330" and 'flexible' same 'substrate' and 'copper' same 'pillar' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:26
S42	105	@ad<="20040330" and 'flexible' same 'substrate' and 'copper' same 'bump' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:57
S43	5	@ad<="20040330" and 'flexible' same 'substrate' and 'copper' with 'stud' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 11:28
S44	1	"6010769".PN.	USPAT; USOCR	OR	ON	2005/10/20 11:36
S45	1	"5876842".PN.	USPAT; USOCR	OR	ON	2005/10/20 11:39
S46	1	"5744758".PN.	USPAT; USOCR	OR	ON	2005/10/20 11:39
S47	1	"5600103".PN.	USPAT; USOCR	OR	ON	2005/10/20 11:40
S48	1	"5510216".PN.	USPAT; USOCR	OR	ON	2005/10/20 11:40
S49	67	@ad<="20040330" and 'tape' same 'interposer' and 'copper' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 12:12

## EAST Search History

S50	2	("6081026").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 12:06
S51	1	"5854534".PN.	USPAT; USOCR	OR	ON	2005/10/20 12:09
S52	96	@ad<="20040330" and 'flexible' same 'interposer' and 'copper' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 12:12
S53	80	@ad<="20040330" and 'flexible' with 'interposer' and 'copper' and 'solder ball' and 'PCB'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/20 12:12
S54	2	@ad<="20040330" and "wiring substrate" same "solder ball" same "PCB"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:39
S55	1267	@ad<="20040330" and "wiring substrate" same ("solder ball" or "bump")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:39
S56	13	@ad<="20040330" and "wiring substrate" same ("bump") same "plug"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:41
S57	1032	@ad<="20040330" and "wiring substrate" same "bump"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:41
S59	1234	@ad<="20040330" and "wiring board" same "solder bump"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:41
S60	246	@ad<="20040330" and "wiring board" with "bump" same "copper"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:45
S61	101	@ad<="20040330" and "wiring circuit board" with "bump"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:50

## EAST Search History

S62	2	@ad<="20040330" and "wiring circuit board" and "plug" with "solder ball"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:51
S63	16	@ad<="20040330" and "wiring circuit board" and "metal" with "solder ball"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:51
S64	30	@ad<="20040330" and "wiring circuit board" and "bump" with "solder ball"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 11:51
S65	2	("6429096").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 09:46
S66	2	("6627988").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 09:48
S67	10	("20010009302"   "5229643"   "5554887"   "5903052"   "5920117"   "6184580"   "6219243"   "6259156").PN. OR ("6627988").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 09:47
S68	2	("6376769").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 09:58
S69	91	("3555364"   "4734825"   "5043794"   "5148265"   "5172303"   "5192716"   "5286926"   "5347159"   "5367764"   "5371654"   "5375041"   "5386341"   "5394303"   "5473119"   "5483421"   "5548091"   "5558928"   "5570504"   "5583321"   "5665473"   "5672548"   "5682061"   "5685885"   "5686699"   "5734555"   "5777379"   "5783870"   "5794330"   "5798564"   "5801439"   "5848467"   "5861666"   "5875545"   "5901041"   "5915170"   "5926369"   "5929517"   "5943213"   "5950304"   "6108210").PN. OR ("6376769").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 09:51

## EAST Search History

S70	2	("6673651").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 09:59
S71	15	("5239198"   "5668405"   "5866949"   "5880590"   "5895965"   "5925934"   "6031292"   "6083776"   "6166443"   "6201302"   "6229215"   "6259154"   "6326696"   "6404049").PN. OR ("6673651").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 10:03
S72	2	("6673651").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 10:03
S73	2	"20020070458"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 10:03
S74	75	("4413308"   "4581680"   "4641222"   "4707657"   "5077598"   "5137461"   "5148266"   "5258330"   "5352926"   "5367435"   "5369551"   "5414298"   "5435732"   "5450290"   "5451720"   "5453580"   "5473120"   "5477082"   "5477933"   "5483421"   "5491303"   "5509815"   "5586010"   "5598033"   "5690270"   "5700549"   "5738531"   "5800184"   "5829988"   "5880890").PN. OR ("6050832"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 10:33
S76	55	@ad<="20040330" and "flexible" with interposer with solder with ball	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 10:42
S77	48	@ad<="20040330" and "flexible" with interposer with "solder ball"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 11:03
S78	25	@ad<="20040330" and "flexible interposer" same "solder ball"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 11:49
S79	2	("6830463").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 11:49

## EAST Search History

S80	2	("6280640").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 12:57
S81	2	("6262478").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 12:57
S82	2	("6262376").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 12:57
S83	2	("6830463").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 15:07
S84	112	("3555364"   "4734825"   "5043794"   "5148265"   "5172303"   "5192716"   "5286926"   "5347159"   "5367764"   "5371654"   "5375041"   "5386341"   "5394303"   "5473119"   "5483421"   "5548091"   "5558928"   "5570504"   "5583321"   "5665473"   "5672548"   "5682061"   "5685885"   "5686699"   "5734555"   "5777379"   "5783870"   "5794330"   "5798564"   "5801439"   "5848467"   "5861666"   "5875545"   "5901041"   "5915170"   "5926369"   "5929517"   "5943213"   "5950304"   "6108210").PN. OR ("6376769"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:09